

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 1082-503

First Inventor Daniel W. Doll, et al.

Title REDUCED SENSITIVITY MELT-POURABLE TNT REPLACEMENTS

Express Mail Label No. EL918000133US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 31]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ]
5. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_ /  
Prior application information: Examiner \_\_\_\_\_ Group / Art Unit:

For **CONTINUATION or DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Sullivan Law Group				
Address	5060 North 40th Street Suite 120				
City	Phoenix	State	Arizona	Zip Code	85018
Country	USA	Telephone	602 956 6161	Fax	602 956 6262

Name (Print/Type)	David S. Taylor	Registration No. (Attorney/Agent)	39,045
Signature		Date	June 27, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for  
Patents, Box Patent Application, Washington, DC 20231

# Sullivan Law Group

A Professional Corporation

5060 North 40th Street, Suite 120  
Phoenix, Arizona 85018-2140  
Telephone (602) 956-6161  
Facsimile (602) 956-6262

Patents, Trademarks, Copyrights,  
Related Intellectual Property Law  
Federal Government Procurement Law

1200 G Street, N.W., Suite 800  
Washington, D.C. 20005  
Telephone (202) 661-6114  
Facsimile (202) 661-6117

June 27, 2001

***Via Express Mail***

BOX PATENT APPLICATION  
Assistant Commissioner  
for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

**Re: *Filing New Utility Patent Application Entitled***  
***"REDUCED SENSITIVITY MELT-POURABLE TNT***  
***REPLACEMENTS"***  
***Our Ref.: 1082-503***

---

Dear Sir:

We hereby submit the following documents in connection with the filing of this new utility patent application entitled, "REDUCED SENSITIVITY MELT-POURABLE TNT REPLACEMENTS," inventors Daniel W. Doll, an individual residing at 740 N. 2800 West, Ogden, Utah 84404, Jami M. Hanks, an individual residing at 423 Spring Lane, Logan, Utah 84341, Alan G. Allred, an individual residing at 741 E. 350 South, Brigham City, Utah 84302, and John B. Niles, an individual residing at 23 New Jersey Avenue, Lake Hopatacong, New Jersey 07849:

1. Application for Patent Cover Sheet (1 sheet);
2. Specification and Claims (30 pages) including 3 independent claims and 42 claims total;
3. Abstract of the Disclosure (1 page);
4. Certificate of Express Mailing (attached); and

Assistant Commissioner  
for Patents  
June 27, 2001  
Page 2

5. Postcard for receipt acknowledgment.

If there are any fees due and required for obtaining a filing date and serial number, please charge the fees to our Deposit Account No. 501324.

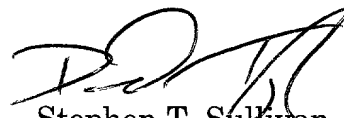
Please accord this application a serial number and the filing date of **June 27, 2001**.

Please send all correspondence to the following address:

Sullivan Law Group  
5060 North 40<sup>th</sup> Street  
Suite 120  
Phoenix, Arizona 85018

Please give us a call if you have any questions or wish to discuss this matter.


Sincerely,

  
Stephen T. Sullivan  
David S. Taylor

STS/DST/lam  
Enclosures

Express Mail Label No. EL918000133US  
Date of Deposit June 27, 2001

I hereby certify that the attached application is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed, BOX PATENT APPLICATION, Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231.

  
\_\_\_\_\_

TO: 290-2226660